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Re-Amdt A

Patent
Attorney's Docket No. 027556-431

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of	)	
	)	
U.S. Patent No. 5,327,577 to	)	
	)	
Jan-Erik UDDENFELDT et al.	)	
	)	Group Art Unit: 2745
Application No.: 08/938,832	)	
	)	Examiner: Unassigned
Filed: September 26, 1997	)	
	)	
For: HANDOVER METHOD FOR MOBILE RADIO SYSTEM	)	

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please restore claims 7, 11, 15, 18 and 21 to the form present in U.S. Patent No. 5,327,577 as follows:

7. A method of communication in a cellular mobile radio system having a plurality of base station transmitters and mobile stations comprising the steps of:

transmitting, from a first base station transmitter to a mobile station, radio signals digitally modulated with message information to a mobile station;

transmitting, from a second base station transmitter, radio signals digitally modulated with substantially the same message information to a mobile station; and

before terminating the transmission from the first or second base station transmitter of the digitally modulated radio signals to the mobile station, beginning to transmit from a third base station transmitter radio signals digitally modulated with substantially the same message information as the signals from the first and second base station transmitters.

11. A method of communication in a cellular mobile radio system having a plurality of base station transmitters and mobile stations comprising the steps of:

transmitting, from a first base station transmitter, for a first cell radio signals digitally modulated with message information to a mobile station;

transmitting from a second base station transmitter radio signals digitally modulated with substantially the same message information to the mobile station; and

before terminating the transmission from the first or second base station transmitter to the mobile station, beginning to transmit from a third base station transmitter for a second cell radio signals digitally modulated with substantially the same message information as the signals from the first and second base station transmitters.

15. A method of communication in a cellular mobile radio system having a plurality of base station transmitters and mobile stations comprising the steps of:

transmitting, from a first base station transmitter, radio signals digitally modulated with message information to a mobile station;

transmitting, from a second base station transmitter, radio signals digitally modulated with substantially the same message information to the mobile station;

before terminating the transmission from the first or second base station transmitter to the mobile station, beginning to transmit from a third base station transmitter radio signals digitally modulated with substantially the same message information as the signals from the first and second base station transmitters; and

terminating the transmission from the first base station transmitter while continuing to transmit from the second and third base station transmitters radio signals digitally modulated with substantially the same message information to the mobile station.

18. A method of communication in a cellular mobile radio system having a plurality of base station transmitters and mobile stations comprising the steps of:

transmitting, from a first base station transmitter for a first cell, radio signals digitally modulated with message information to a mobile station;

transmitting, from a second base station transmitter, radio signals digitally modulated with substantially the same message information to the mobile station;

before terminating the transmission from the first or second base station transmitter to the mobile station, beginning to transmit from a third base station transmitter for a second cell radio signals digitally modulated with substantially the same message information as the signals from the first and second base station transmitters; and

terminating the transmission from the first base station transmitter while continuing to transmit from the second and third base station transmitters radio signals digitally modulated with substantially the same message information to the mobile station.

21. A method of communication in a cellular mobile radio system having a plurality of base station transmitters and mobile stations comprising the steps of:

transmitting to a mobile station, from each of a first base station transmitter, a second base station transmitter and a third base station transmitter, radio signals digitally modulated with substantially the same message information; and

terminating the transmission of the digitally modulated signals from the first base station transmitter to the mobile station while continuing to transmit from the second and third base station transmitters.

Please add claims 29-33 as follows:

--~~29~~ 22. The method of claim 7 comprising the further step of:

combining, in said mobile station, information transmitted by said first base station transmitter and information transmitted by said second base station transmitter to reconstruct said message information.

~~30~~ 23. The method of claim 11 comprising the further step of:

combining, in said mobile station, information transmitted by at least two of said first, second and third base station transmitters to reconstruct said message information.

~~31~~ 24. The method of claim 15 comprising the further step of:

combining, in said mobile station, information transmitted by at least two of said first, second and third base station transmitters to reconstruct said message information.

~~32~~ 25. The method of claim 18 comprising the further step of:

combining, in said mobile station, information transmitted by at least two of said first, second and third base station transmitters to reconstruct said message information.

~~33~~ 26. The method of claim 21 comprising the further step of:

combining, in said mobile station, information transmitted by at least two of said first, second and third base station transmitters to reconstruct said message information.--

REMARKS

Claims 1 - 33 are pending in the application as a result of this amendment. The language of claims 7, 11, 15, 18 and 21 has been restored to the form present in the patent and dependent claims 29 - 33 have been added.

It is submitted the application is in condition for allowance and a notice to that effect is solicited. Should the Examiner have any questions, he is urged to contact the undersigned at (703) 836-6642.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: _____
Steven M. du Bois
Registration No. 35,023

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

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